

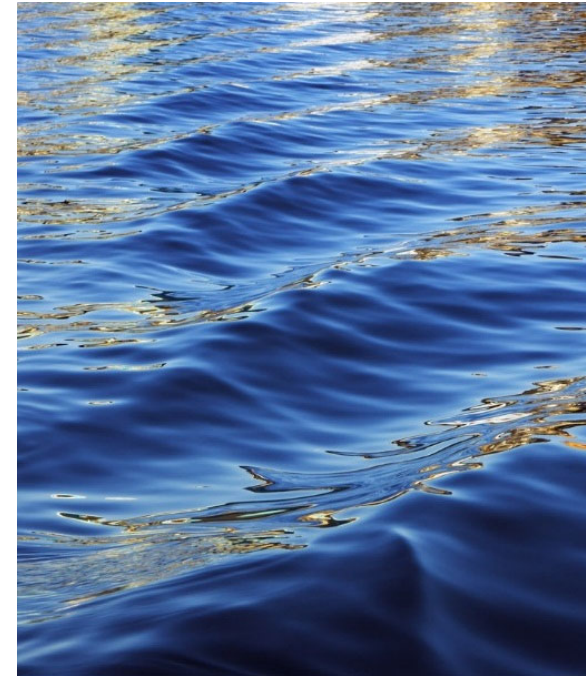


What is the Value of Water?

Whose water values count?

Mae Davenport, PhD
Professor, Department of Forest Resources
Director, Center for Changing Landscapes

Metropolitan Council
September 24, 2020
Virtual Seminar



Center for Changing Landscapes: Community-Driven Research

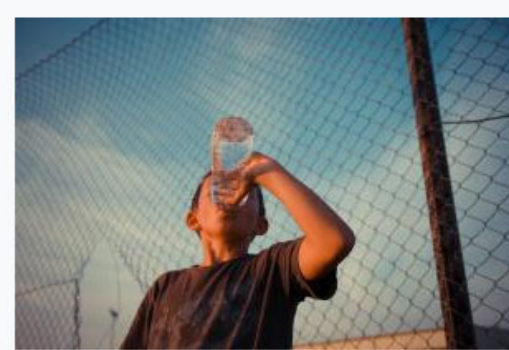
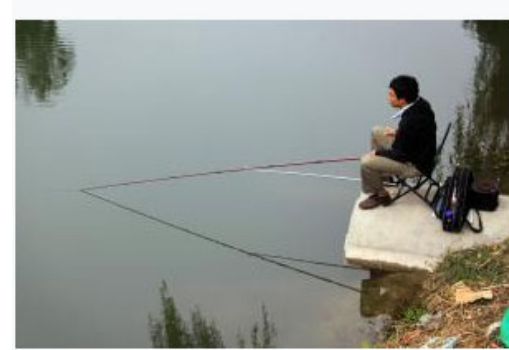
Partnership Development and Community Engagement

Social Science Data Collection and Analysis

Planning, Policy, and Practice



What is your water narrative?



How do we support Water Justice?



South Minneapolis



Photo: Tony Webster

North Minneapolis

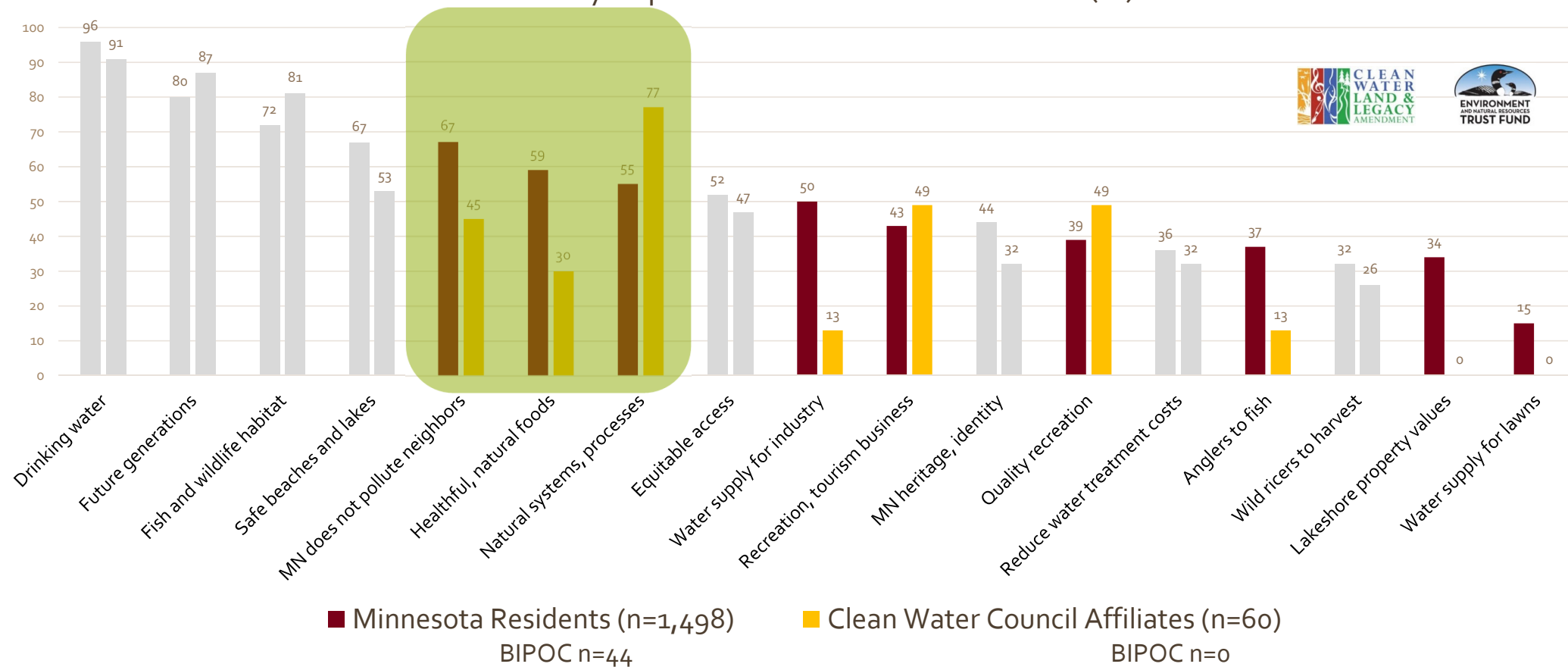
How do we support Water Justice?

How would water planning and policy be different if
Black, Indigenous, and people of color
were fairly represented
in decision making?

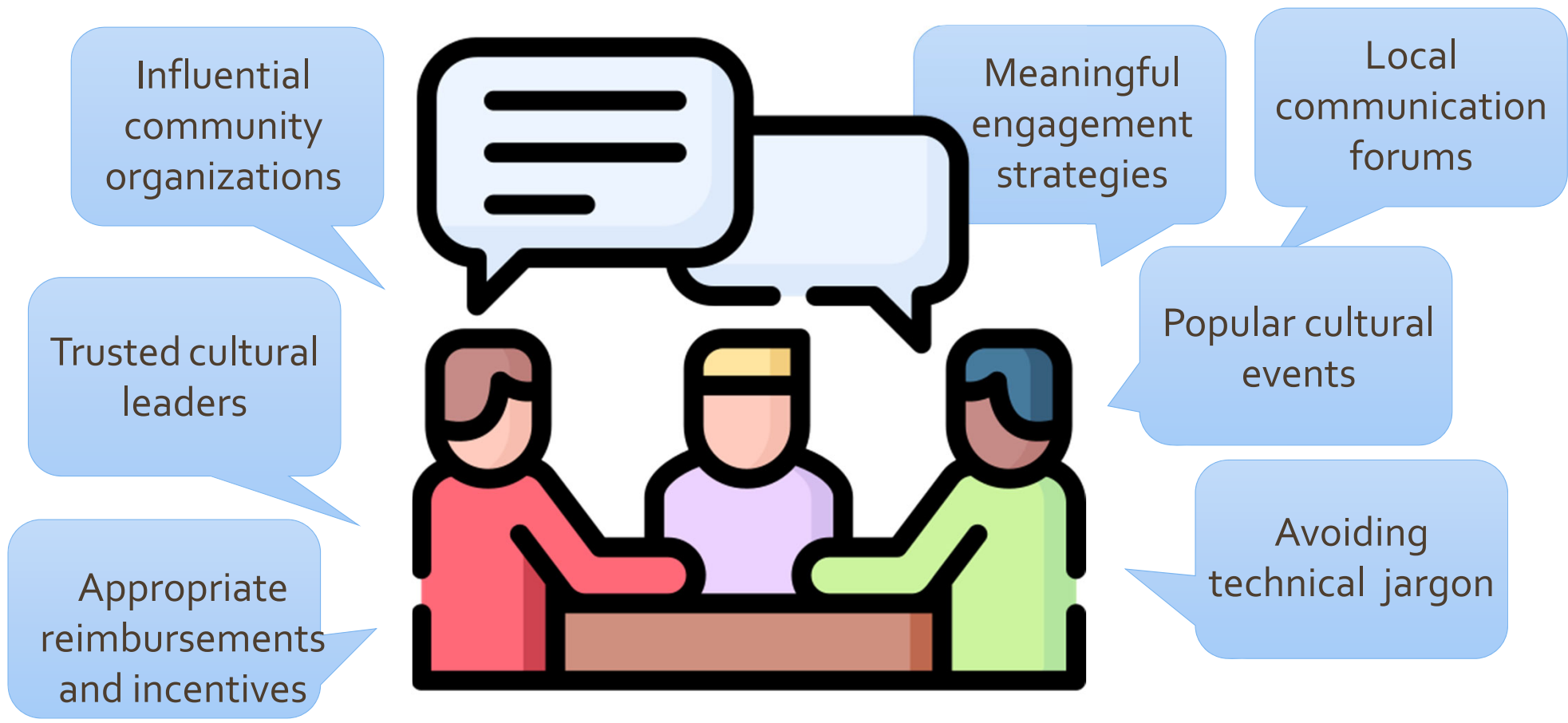


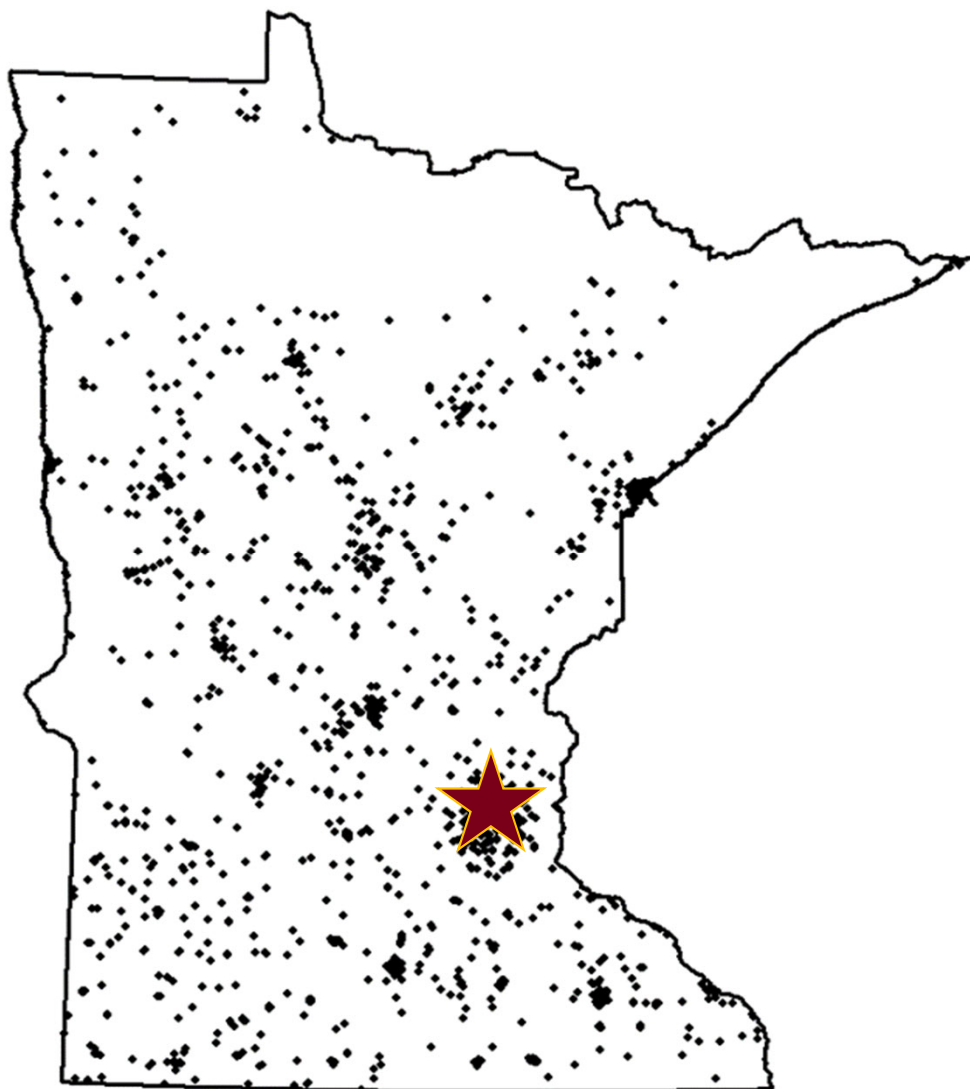
Values and Decision-Making Influence

Extremely Important Water Values to Protect (%)



How and Who You Engage Matters

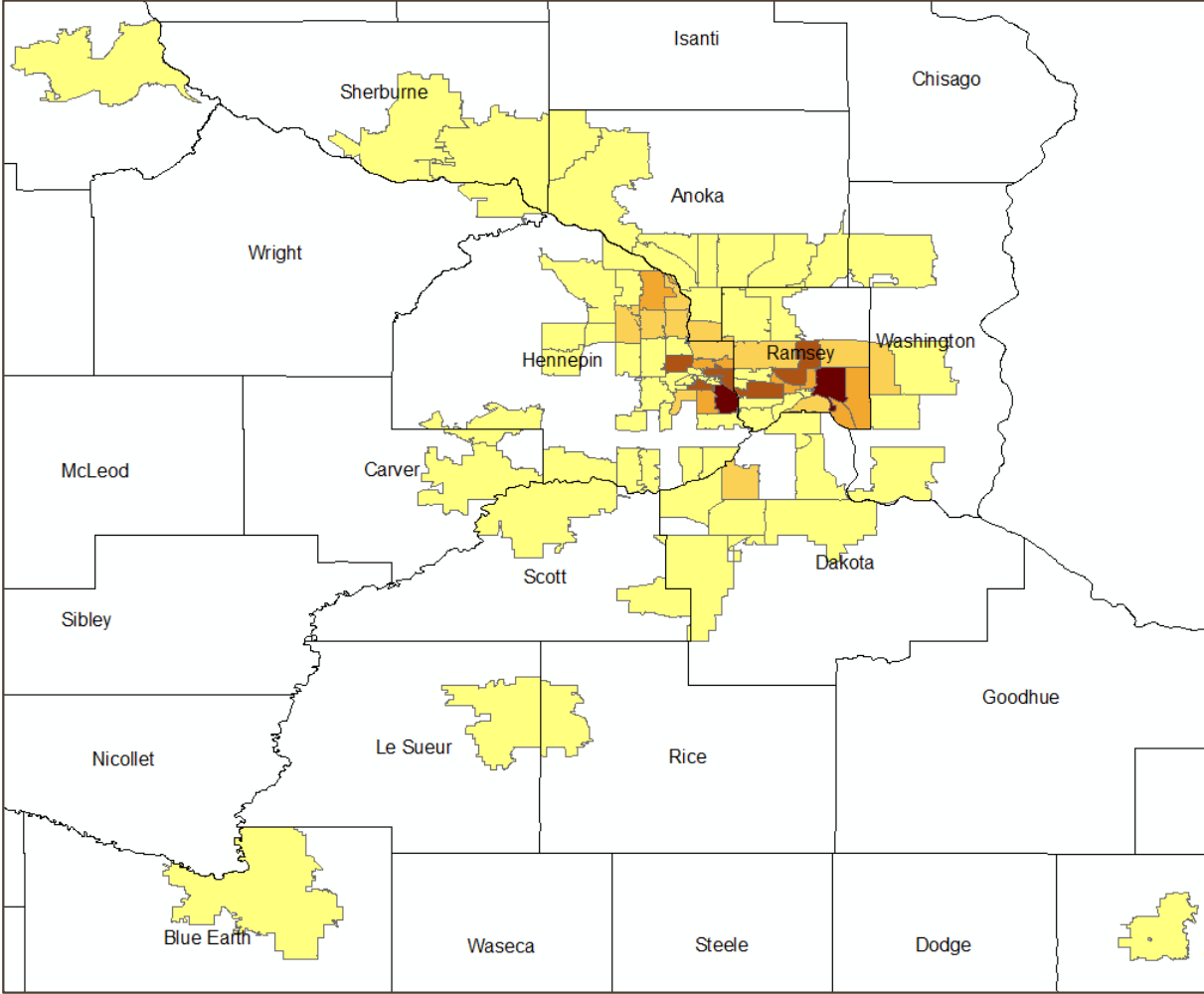




2019 Urban Waters Twin Cities
Onsite Survey
(n=411, BIPOC=298)

2018 Minnesota Water Values
Statewide Resident Survey
(n=1,498, BIPOC=44)

Urban Waters survey
respondent primary
residence





13 cultural events from July-Nov 2019

Multi-lingual staff and signage

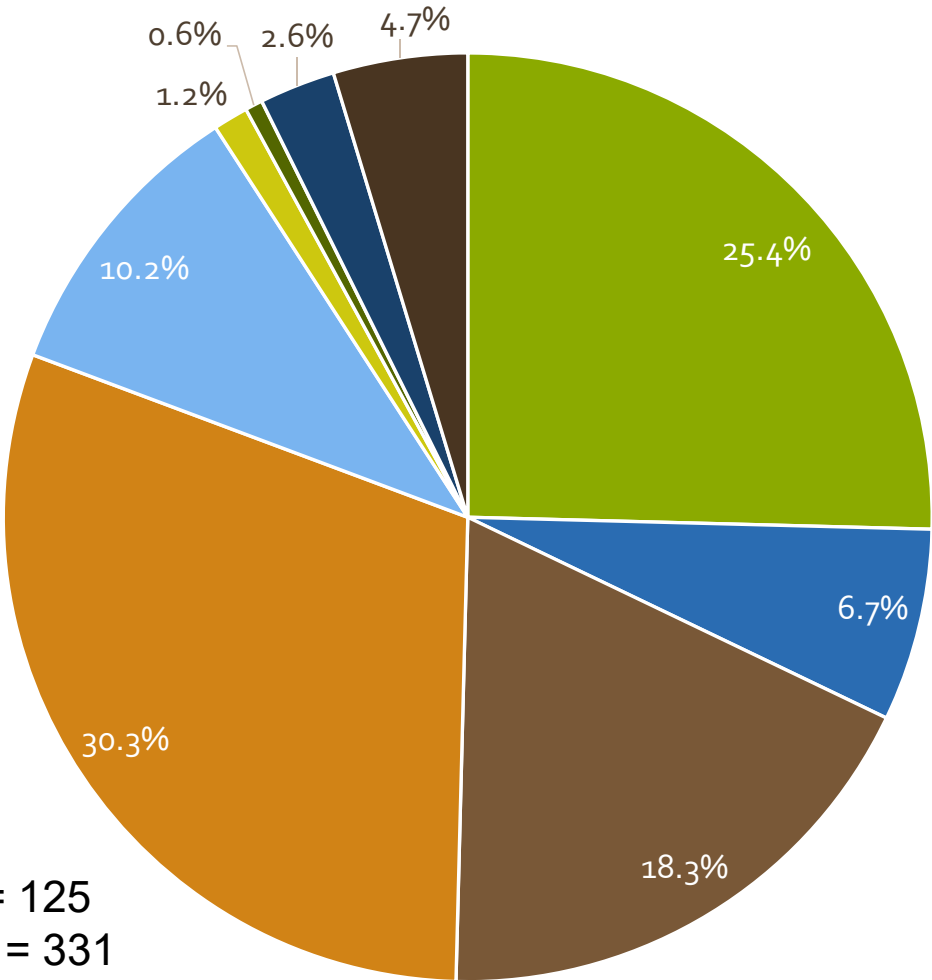
Visually engaging exhibit

\$2 incentive

Opportunity for all ages to participate

7/21/19	Open Streets E Lake St. and Minnehaha Ave
8/3/19	Owamni Falling Waters Festival
8/4/19	Open Streets NE - Central Ave.
8/20/19	National Night Out Seward Towers West
8/22/19	National Night Out Seward Towers East
9/7/19	Taste of Liberia
9/14/19	Open Streets W. Broadway
9/15/19	Festival Independencia De Mexico
9/21/19	Frogtown Arts Festival
9/27/19	Native Medicine Garden Event
10/04/19	American Indian Family Center Fall Feast
	Frogtown Farm Harvest Celebration
10/05/19	Dashain Night (Nepali Event)
11/9-11/10	Hmong American New Years
11/30 & 12/1	MN Hmong New Year
12/14/19	Hmong New Year Day (sponsored by HELP)

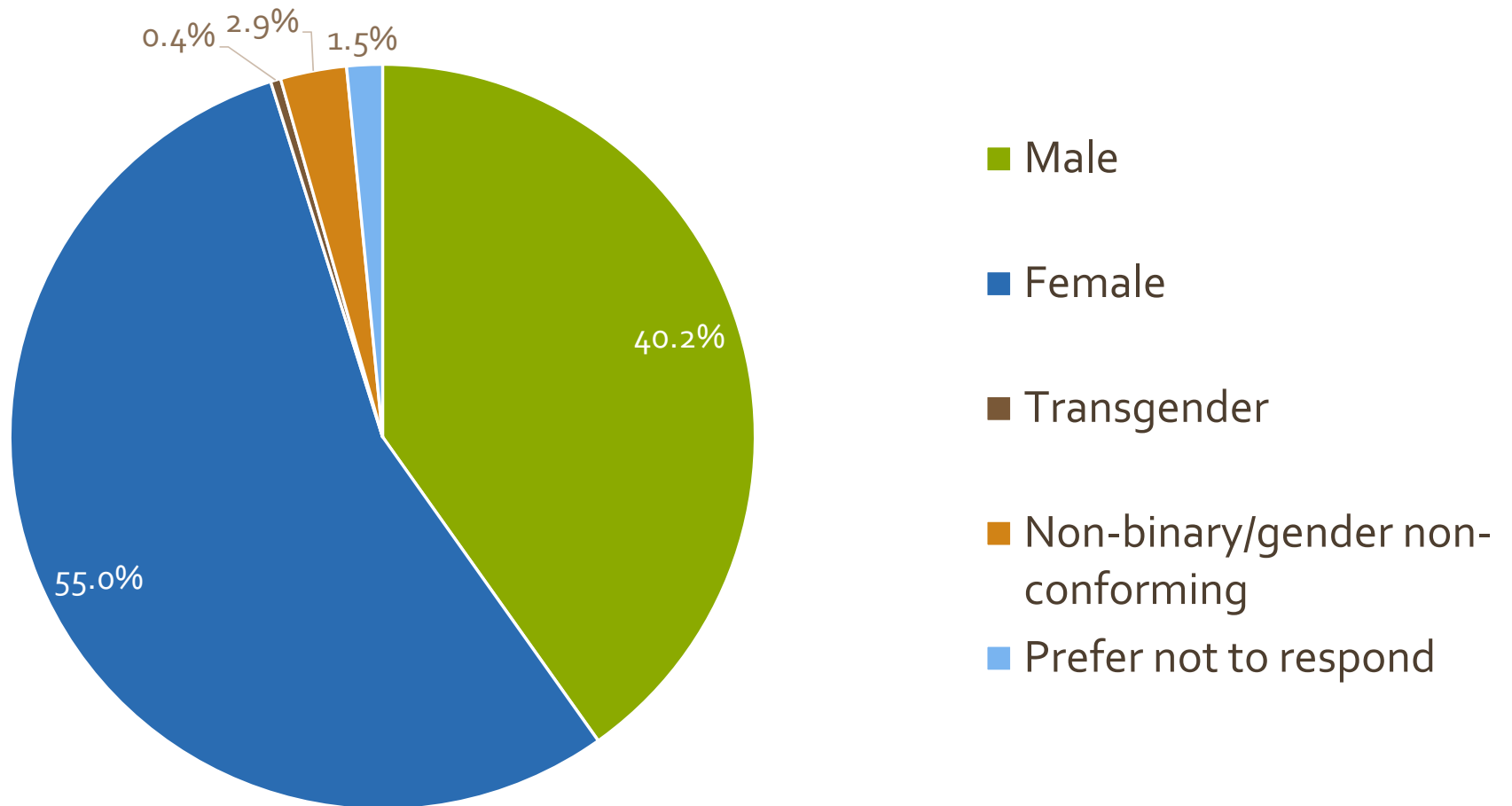
Survey Respondent Race and Ethnicity Identity



- White
- Hispanic, Latino, or Spanish heritage
- Black or African American
- Asian
- American Indian or Alaska Native
- Middle Eastern or North African
- Native Hawaiian or Other Pacific Islander
- Other
- Prefer not to respond

White = 125
BIPOC = 331

Survey Respondent Gender Identity



When you think of water, what first comes to mind?

Minnesota
Stormwater
Research Council

13%



5%



3%



<1%



3%



2%

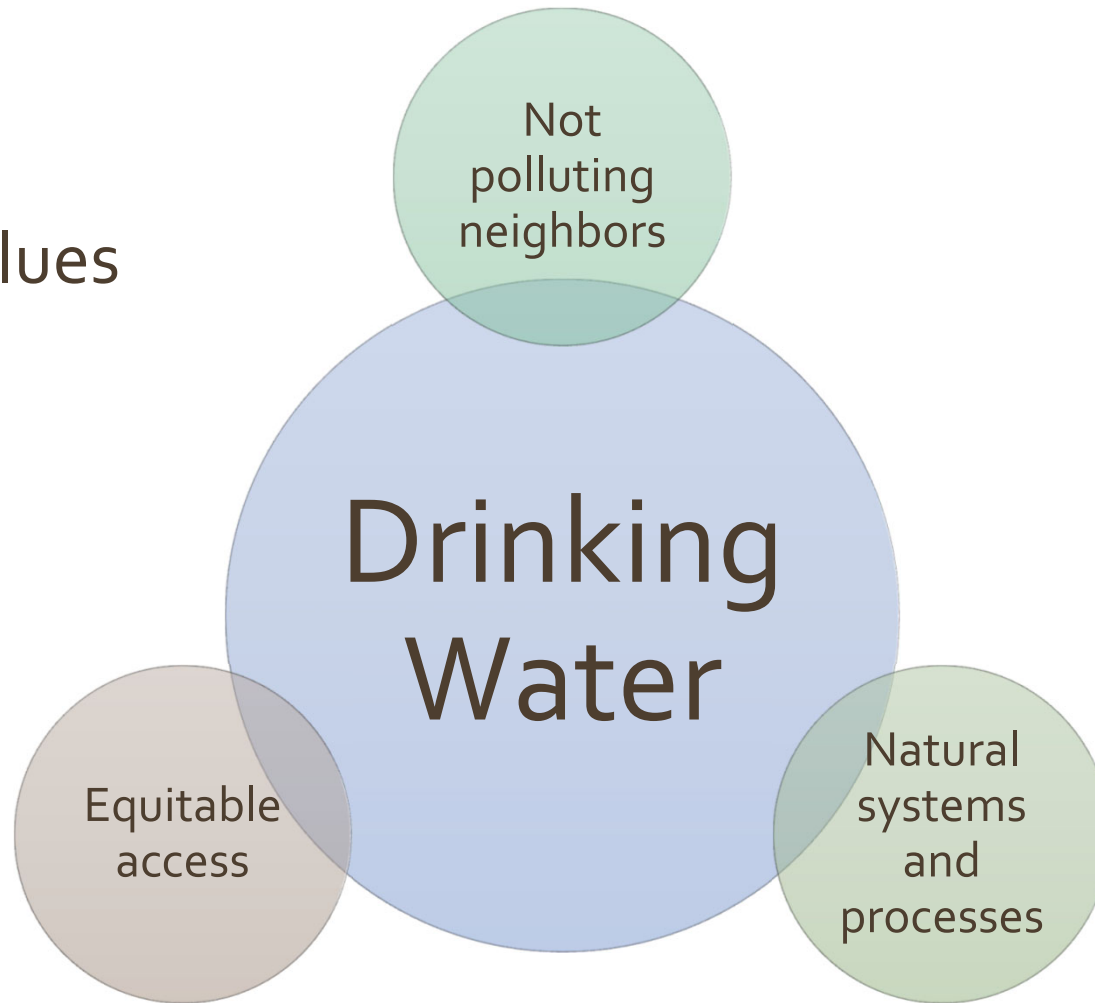


23%



50%

Core Water Values

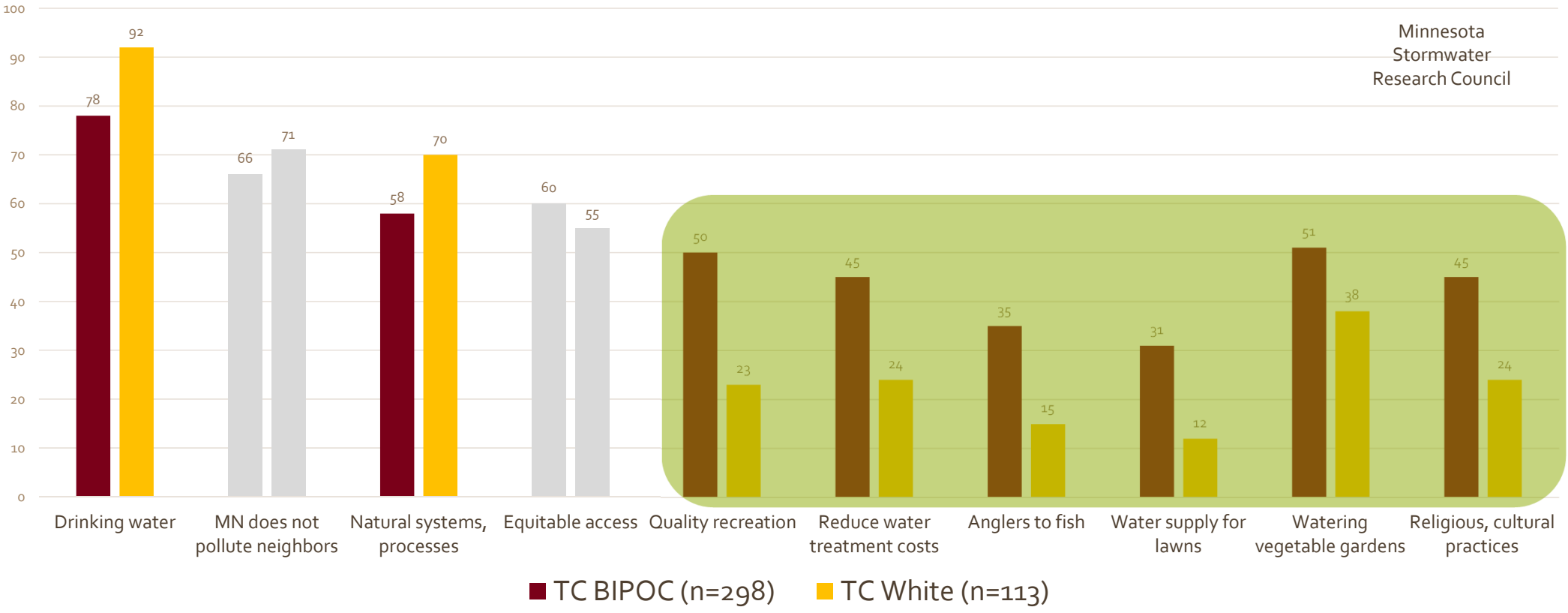


White n=113 BIPOC n=298

Racial and Ethnic Identity

Extremely Important Water Values to Protect (%)

Minnesota
Stormwater
Research Council



BIPOC Respondents

Minnesota
Stormwater
Research Council

73% are very or extremely concerned about climate change

87% believe climate change impacts to water is a moderate to severe problem

On average are significantly more concerned than White respondents about

- Water damage to homes
- Water supply

On average report being less familiar about water issues in their community and place higher importance on learning more than White respondents



Many Unanswered Questions

That need more inclusive research



A Community-Centered Framework of the Value of Water in the Twin Cities

- How do residents perceive and value water? How do narratives vary across communities?
 - What are opportunities for enhanced public visualization, communication and engagement around water?
 - How do we identify and prioritize community-centered action steps for equitable water planning and policy?
1. Survey Twin Cities residents in select communities
 2. Conduct geospatial data visualization for communication
 3. Conduct virtual interviews/focus groups with community leaders and staff
 4. Analyze and report on findings including regional comparisons and action steps



Acknowledgements

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 - Bonnie Keeler, Ryan Noe

Questions? Contact Mae mdaven@umn.edu



Minnesota
Stormwater
Research Council

